

**APENDIX A**

**DHS MONTHLY TREATMENT REPORT**

# CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

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September 14, 2006      *"Trusted, Quality Service since 1905"*

Ms. Yen Tran  
Sanitary Engineer  
State Department of Health Services  
Drinking Water Field Operator Branch  
464 W. 4th Street, Suite 437  
San Bernardino, CA 92401

**RE: AUGUST 2006 MONTHLY SUMMARY TREATMENT REPORTS FOR SYSTEM  
NO. 3610039, WATER SUPPLY PERMIT NO. 03-13-99P-002**

Dear Ms. Tran:

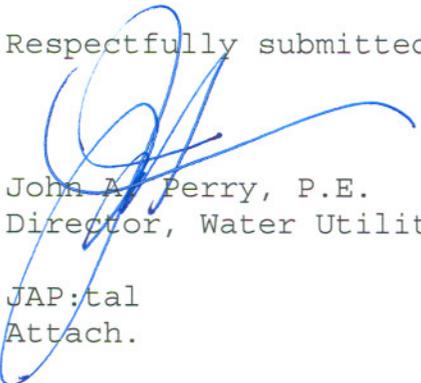
Enclosed are the monthly summary reports for each Granular Activated Carbon and Packed Tower Aeration facility. The required information is provided in two separate report formats: Information on well production, plant influent and effluent water flow, and amount of contaminant removed are covered in the August 2006 Operations Monthly Treatment Reports. Information on bacterial results and constituents of concern for each of the wells and treatment plants for the month of August 2006 is presented in the attached Water Quality Reports, Newmark OU/Towers/19th Street GAC.

It is my understanding the energy consumed for each is no longer of interest to DHS and is not required in the monthly reports.

Ms. Yen Tran  
Page 2  
September 14, 2006

Please contact me at (909) 384-5107 if additional information or modifications to the formats of the reports are desired.

Respectfully submitted,



John A. Perry, P.E.  
Director, Water Utility

JAP:tal  
Attach.

cc: Kim Hoang, Ph.D. (e-mailed w/attach)  
Stacey R. Aldstadt (e-mailed w/attach)  
Robin Ohama (e-mailed w/attach)  
Mike Lowe (e-mailed w/attach)  
Matthew Litchfield (e-mailed w/attach)  
Valerie Housel (e-mailed w/attach)  
Susan Troy (e-mailed w/attach)  
Lana Kennerly (e-mailed w/attach)

# San Bernardino Municipal Water Department



## Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

SEP 11 2006

Reporting Period: Aug 2006

| EPA 17th Street Plant       |                   |                        |             |                 |                        |
|-----------------------------|-------------------|------------------------|-------------|-----------------|------------------------|
| <b>Production GAC Wells</b> |                   |                        |             |                 |                        |
| EPA 003                     | 205.069 AF        |                        |             |                 |                        |
| <b>GAC Treatment</b>        |                   |                        |             |                 |                        |
| Vessel                      | Monthly Treated   | Total Since Change-out | Vessel      | Monthly Treated | Total Since Change-out |
| 1A                          | 69.869            | 81.593                 | 1B          | 0.000           | 596.009                |
| 2A                          | 70.369            | 85.794                 | 2B          | 0.000           | 587.466                |
| 3A                          | 74.176            | 90.090                 | 3B          | 0.000           | 600.316                |
| <b>Totals</b>               | <b>214.414 AF</b> | <b>257.477 AF</b>      |             | <b>0.000 AF</b> | <b>1783.791 AF</b>     |
| <b>Vessels</b>              |                   |                        |             |                 |                        |
| TCE-In                      | 0.5               |                        |             |                 |                        |
| TCE-Out                     | 0.0               |                        |             |                 |                        |
| PCE-In                      | 0.5               |                        |             |                 |                        |
| PCE-Out                     | 0.0               |                        |             |                 |                        |
| <b>Total</b>                | <b>1.0 ug/L</b>   | <b>lbs Removed</b>     | <b>0.58</b> |                 |                        |

| EPA South Plant and Waterman Towers |                 |                        |                   |                                   |                        |              |     |
|-------------------------------------|-----------------|------------------------|-------------------|-----------------------------------|------------------------|--------------|-----|
| <b>Production GAC Wells</b>         |                 | <b>Tower Wells</b>     | <b>Wells</b>      |                                   | <b>Towers</b>          |              |     |
|                                     |                 | Waterman               | 302.328           | TCE+PCE-In                        | 4.5                    | TCE+PCE-Out  | 0.0 |
| EPA 002                             |                 | 30th St.               | 298.253           | TCE+PCE-In                        | 4.5                    | TCE+PCE-Out  | 0.0 |
| EPA 004                             |                 | <b>South Total</b>     |                   |                                   |                        |              |     |
| EPA 005                             |                 | Leroy                  | 184.901           | TCE+PCE-In                        | 4.5                    | TCE+PCE-Out  | 0.0 |
| <b>Total</b>                        |                 | 31st St.               | 177.284           | TCE+PCE-In                        | 4.5                    | TCE+PCE-Out  | 0.0 |
|                                     |                 | <b>North Total</b>     |                   |                                   |                        |              |     |
|                                     |                 | <b>652.780 AF</b>      | <b>362.185 AF</b> |                                   |                        |              |     |
| <b>GAC Treatment</b>                |                 |                        |                   |                                   |                        |              |     |
| Vessel                              | Monthly Treated | Total Since Change-out | Vessel            | Monthly Treated                   | Total Since Change-out |              |     |
| 1A                                  | 0.000           | 1075.898               | 1B                | 76.981                            | 182.229                |              |     |
| 2A                                  | 0.000           | 1037.317               | 2B                | 75.280                            | 184.697                |              |     |
| 3A                                  | 0.000           | 1071.177               | 3B                | 75.946                            | 177.576                |              |     |
| 4A                                  | 0.000           | 1030.841               | 4B                | 73.354                            | 173.034                |              |     |
| 5A                                  | 0.000           | 1045.364               | 5B                | 78.365                            | 167.286                |              |     |
| 6A                                  | 0.000           | 583.778                | 6B                | 78.540                            | 167.706                |              |     |
| 7A                                  | 0.000           | 836.614                | 7B                | 94.132                            | 196.512                |              |     |
| 8A                                  | 0.000           | 972.046                | 8B                | 116.290                           | 239.724                |              |     |
| <b>Totals</b>                       | <b>0.000 AF</b> | <b>7653.035 AF</b>     |                   | <b>668.888 AF</b>                 | <b>1488.764 AF</b>     |              |     |
| <b>Vessels</b>                      |                 |                        | <b>Towers</b>     |                                   |                        |              |     |
| TCE-In                              | 0.6             |                        |                   | <b>#'s Removed Waterman</b>       |                        | 3.70         |     |
| TCE-Out                             | 0.0             |                        |                   | <b>#'s Removed 30th St</b>        |                        | 3.65         |     |
| PCE-In                              | 2.0             |                        |                   | <b>#'s Removed Leroy</b>          |                        | 2.26         |     |
| PCE-Out                             | 0.0             |                        |                   | <b>#'s Removed 31st St</b>        |                        | 2.17         |     |
| <b>Total</b>                        | <b>2.6 ug/L</b> | <b>lbs Removed</b>     | <b>4.73</b>       | <b>Total pounds Removed Tower</b> |                        | <b>11.77</b> |     |